Paper 2 Key Topics

AQA Foundation

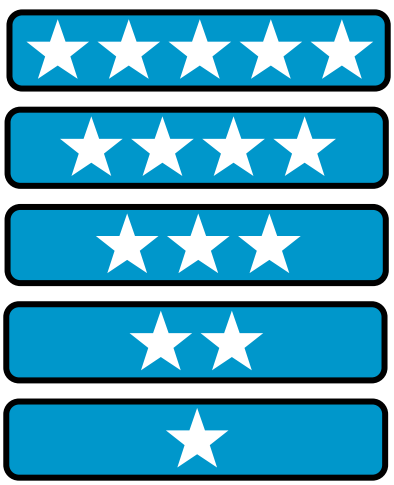
In this document you will find lists of topics and how important I think they are for you preparing for Paper 2. I have looked carefully at Paper 1 and all of the past papers to analyse how often topics appear.

Each topic has been rated from 1 star to 5 stars. Topics that are more likely based on past paper trends and what was already in Paper 1 are given more stars. 5 stars are the most likely to appear and 1 star topics are the least likely to appear. This does not guarantee the topics with more stars will appear or those with low stars will not but it may help you to prioritise topics for revision.

Since there are still 2 papers left, many of the topics could appear on Paper 3 instead or as well Paper 2. I will do this again after Paper 2 to help you focus revision for Paper 3.

Be sure to subscribe to my YouTube channel and check the website to not miss out on resources. I will write many more practice papers for each tier for Edexcel and AQA to help you practice. The dates for these are on the website.

- 1st Class Maths



<< Most likely topics to appear

<< Least likely topics to appear

Sequences	Time Calculations
Gradients, Intercepts, y = mx + c	Percentage of an amount
Form Algebraic Expression From Context	Direct Proportion (Best Buys/Recipes)
Solve Linear Equations	Metric Units
Simplify Algebraic Expressions	Averages - From Diagram or Table

Square, Cube, Prime Numbers	Factors and Multiples	Area of Shapes
Money problems	Fraction of Amount	Probability
Substitution	Share into Ratio	Averages (and range) - from a list

Form and Solve Equations	Straight Line Graphs	Pythagoras
Error Intervals	Increase/Decrease by %	SOHCAHTOA
HCF/LCM	Write as a %/Write as Frac	Similar Lengths
Using a calculator	Write as ratio (including form 1:n)	Symmetry
Quadratic Graphs	Relate Ratio for Fraction/Percentage	Transformations
Change Subject/Rearrangement	Use of scales on a map or a ratio	Constructions and Loci
Using inequality signs	Scale Drawings	Fractions, Decimals, %
Order Numbers	Parts of a Circle	Relative Frequency
Place Value	Bearings and Compass Directions	Averages Problem Solving
Approximations	Angles in Parallel Lines	Frequency Trees
Listing Outcomes	Surface Area 3D shape	Pie Charts
Number Machines	Circles and Sectors	Tree Diagrams

Understand the words Expression, Equation, Formula, Identity, Term, Inequality	Equations of Vertical and Horizontal Lines	Identify Parallel/Perpendicular Lines
Index Laws	Find the Midpoint of a line	Faces, Edges, Vertices
Linear Simultaneous Equations	Show a point is on a line	Identify Congruent Shapes
Distance Time Graphs	Show 2 lines are Parallel	Angle Facts
Factorising	Plot Coordinates	Angles in a Triangle
Solve Linear Inequalities	Coordinates problem solving	Angles in a Quadrilateral
Solve Quadratic Equation	Inverse Proportion in Context	Volume of 3D Shapes
Identities	Conversion Graph	Area problem solving
Equivalent Calculations	Reverse Percentage	Volume problem solving
Equivalent fractions	Compound Interest	Column Vectors
Order Fractions	Simple Interest	Plans and Elevations
Square roots, Cube roots	Problems with multiple ratios	Angles in Polygons
Rounding	Simplify Ratios	Sample Space Diagrams
Reciprocals	Density, Mass, Volume	Two way tables
Bank Statements	Pressure, Force, Area	Venn Diagrams
Solve Simultaneous Equations using Graphs	Types of data (discrete, continuous)	Tally Charts
Standard Form	Currency Conversions	Vertical Line Graphs
List values for an Inequality	Imperial Units Conversions	Time Series Graphs
Inequality Diagrams	Names Shapes	Population Density

Fraction Operations	Negative Numbers	Measure Lines
Types of Graphs (Cubic, Reciprocal, Quadratic)	Product of Prime Factors	Perimeter
Expand/Simplify Brackets	Indices e.g. 2^4	Scatter Diagrams
% Profit or %change	Speed, Distance, Time	Bar Charts
Order of Operations	Measure Angles	Pictograms